

Applying Lean Principles Across the Supply Chain

June 7-11, 2010
November 29-December 3, 2010



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Smeal Ranks
No. 1 in Supply
Chain Education.

Program Objectives

Applying Lean Principles Across the Supply Chain introduces a systemic approach for applying Lean thinking to supply chain challenges. You'll receive practical, hands-on insights from industry leaders such as Kraft Foods, Kimberly Clark and Dell. You'll also learn principles and tools for greater supply chain speed and efficiency. Specifically, the program will provide an understanding of:

- Drivers of change that impact the strategy and design of existing models and systems
- Inefficiencies of various supply chain models and how to eliminate them
- Processes that ensure your supply chain is Lean, effective and efficient
- Principles essential to extending Lean practices beyond your enterprise to suppliers and customers.

Program Benefits

Upon completion of Applying Lean Principles Across the Supply Chain, you will be able to:

- Recession-proof your supply chain
- Produce superior results and improved work teams
- Identify and eliminate physical (inventory) and process waste
- Increase end-to-end system speed and efficiency
- Understand and communicate to top management the financial importance of Lean

This program now awards 3 CEUs. Penn State Continuing Education Units (CEUs) are available based on a standard of one unit per ten hours of classroom instruction. Upon completion of this program, each participant will be awarded a certificate for three (3.0) Penn State CEUs earned.

Enhance Your Competencies with a Supply Chain Certificate!

Penn State Executive Programs and the Center for Supply Chain Research are providing three opportunities to advance your supply chain proficiency and to demonstrate your commitment to self-enrichment and subject expertise. Receive a Certificate in Supply Chain Management, a more advanced Certificate in Supply Chain Leadership, or a new Certificate in Supply Chain Operational Excellence by completing a combination of open-enrollment programs.

Program Content

- **Lean Thinking: Principles and Building Blocks**
 - "Waste" definition (10 wastes)
 - Analysis of process
 - Value Stream Mapping (VSM)
 - Evolution/Maturity model
- **Lean and Manufacturing**
 - Extended supply chain (scope)
 - Interpretation of tools
 - Examples of Lean projects
- **Lean and Enterprise Supply Chains**
 - Improvement within supply chain functions
 - Integrated SCM (within the enterprise)
 - Customer Relationship Management (CRM)
 - Collaborative product design and management
- **Extended Lean Across the Supply Chain**
 - Lean with customers and suppliers
 - Demand planning
 - Supply sourcing and relationship management
 - Data management synchronization, visibility, and security
 - Joint opportunities for Lean
 - Customer collaboration and planned order systems
- **Implementing Lean in the Supply Chain**
 - Effective Leadership Models
 - Relationship between logistics and customer satisfaction
 - Methodologies for measuring effectiveness
- **Lean Simulation**

Applying Lean Across the Supply Chain includes a valuable simulation that drives home the power of an effective Lean system. In a risk-free environment, participant teams will assume the role of a prime contractor and three sub contractors working to complete a 36-month government contract to build and deliver 15 F35V Strike Fighter Aircraft.

Who Should Attend

Applying Lean Principles Across the Supply Chain is designed for all managers and executives interested in applying Lean practices and concepts in the development and management of a supply chain strategy. Representative titles of participants include: vice president, director or manager of logistics, purchasing, supply chains, operations, distribution or materials management.

Faculty Leaders

Applying Lean Principles Across the Supply Chain will be presented by top faculty members from Penn State and other leading institutions, as well as supply chain professionals. Visit www.smeal.psu.edu/psep/lsc.html to view their vitae. Planned faculty include:

Norman Aggon, Program Faculty Director and Assistant Department Head, Supply Chain and Information Systems, Smeal College of Business

David Demers, Program Faculty Director and Managing Partner, Avicon Partners

Frank Chelko, Instructor of Operations and Supply Chain Management, Smeal College of Business

David Veech, Executive Director, Institute for Lean Systems

Program Dates

June 7-11, 2010

November 29-December 3, 2010

Location

This program will be conducted at the Penn State University Park campus in State College, Pennsylvania, and held in private, modern executive education facilities.

Program Hosts

Since 1954, organizations and individuals around the world have turned to **Penn State Executive Programs** to meet their leadership development needs. Drawing on the vast resources of one of the nation's top universities and the internationally ranked Smeal College of Business, executives and senior managers develop capabilities that translate into strategic creativity, effective leadership, innovation, and efficient business processes. We are currently ranked among the very best executive education providers by major publications including The Economist and BusinessWeek. For more information visit <http://www.smeal.psu.edu/psep/>.

Serving as a bridge between companies and supply chain knowledge, the **Center for Supply Chain Research (CSCR)** is one of the nation's leading institutions dedicated to supply chain research and education. It was recently named the 2006 institutional recipient of the Eccles Medal by the Executive Board of Directors of the International Society of Logistics (SOLE). CSCR and the Smeal College of Business offer one of the largest concentrations of supply chain researchers, practitioners, and supply chain students in the world. Visit <http://www.smeal.psu.edu/cscr/> for more information.



The World's Leading Source for the Supply Chain Profession.™

The Council of Supply Chain Management Professionals (CSCMP) is the preeminent worldwide professional association of supply chain management professionals. CSCMP exists to improve supply chain management skills by facilitating communications among supply chain professionals, identifying and conducting research on supply chain theory and practice, and creating awareness of the significance of supply chain to business and the economy.

Fees

The program fee for Applying Lean Principles Across the Supply Chain is \$4,950. This includes all instructional materials, private room accommodations, and meals.

Association member pricing applies:

\$4,850 for members of the Council of Supply Chain Management Professionals

\$4,350 for Center for Supply Chain Research corporate sponsors

We support team participation to maximize the impact of learning. Teams of three or more receive significant savings for each additional participant. Please call for details on all of our special participation options.

We accept MasterCard, Visa, Discover, and American Express.



Related Programs

- **Achieving Supply Chain Transformation**
www.smeal.psu.edu/psep/mesc3.html
- **Designing and Leading Competitive Supply Chains**
www.smeal.psu.edu/psep/dlsc.html
- **Processes and Tools for Supply Chain Success**
www.smeal.psu.edu/psep/mesc2.html
- **Essentials of Supply Chain Management**
www.smeal.psu.edu/psep/mesc1.html
- **Developing World-Class Supply Chain Collaboration**
www.smeal.psu.edu/psep/topic/programs/cpfr/
- **Building Global Supply Chains for Competitive Advantage**
<http://www.smeal.psu.edu/psep/gbs>

Registration

Class size is limited. Reserve space via phone or e-mail (Phone: 814-865-3435; Toll Free: 800-311-6364; FAX: 814-865-3372; E-mail: psep@psu.edu). Then apply online at <http://php.smeal.psu.edu/psep/apply/>

